

Laboratory directorates welcome new directors

by Munitions, Directed Energy and Sensors Directorates

EGLIN AFB, FLA. — The Munitions Directorate and Sensors Directorate of the Air Force Research Laboratory received a change in “direction” this summer with the announcement of new directors.

Colonel Harry “Dutch” Dutchyshyn Jr., director, of the Air Force Research Laboratory Munitions Directorate, relinquished command to Col.

Thomas “Mas” J. Masiello in a change of command ceremony conducted at the Eglin Conference Center July 6.

In addition, the Sensors Directorate at Wright-Patterson welcomed director Dr. Donald W. Hanson, who had previously been acting director of the directorate, when he moved permanently from his position as senior scientist for photonics to that of director on August 13.

Masiello comes to the Munitions Directorate from an assignment as the commander of Eglin’s 40th Flight Test Squadron. In his new position he will direct more than 400 military, civilian, and contractor personnel who develop, integrate, and transition the science and technology for air-launched munitions.

Masiello entered the service through the United States Air Force Academy where he was a distinguished graduate and earned a bachelor’s degree in electrical engineering. Upon graduating from the Air Force Academy, he entered undergraduate pilot training at Williams AFB, Ariz.

After graduation from pilot training, he was assigned to the 492nd Tactical Fighter Squadron, Royal Air Force Lakenheath, United Kingdom, to fly the F-111.

He served as chief of Weapons and Tactics and also attended the Fighter Weapons School where he was a distinguished graduate.

In 1987, Masiello was assigned to the 431st Test and Evaluation Squadron at McClellan AFB, Calif., where he performed F-111 Operational Test and Evaluation. At



Col. Masiello

McClellan, he earned a master’s degree in aeronautical science from Embry Riddle Aeronautical University.

In 1989, Masiello entered the test pilot school at Edwards AFB, Calif. He graduated with Class 90A as a distinguished graduate and was assigned to the 3247th Test Squadron at Eglin AFB, Florida, where he flew the F-15, F-15E, and F-111, and served as Chief Pilot, Flight Commander, and Lead Test Pilot for the F-111 Flutter Program.

In 1994, Colonel Masiello was assigned to the Pentagon as a staff member of the Assistant Secretary of the Air Force for Acquisition. As the Chief, F-16 Program Element Monitor, he managed the F-16 research and production budget. He also attended the Defense Systems Management College at Fort Belvoir, Virginia.

In 1996, Masiello became the Operations Officer for Eglin’s 39th Flight Test Squadron. He managed and conducted weapons/avionics testing on F-16 aircraft and oversaw the development testing of smart weapons such as



WELCOMING A NEW DIRECTOR — Brigadier General Paul D. Nielsen (left), Commander of the Air Force Research Laboratory, passes the flag to Col. Thomas Masiello during a change of command ceremony. Colonel Harry Dutchyshyn Jr., relinquished command of the laboratory’s Munitions Directorate to Masiello during the ceremony.

Joint Direct Attack Munition and the Joint Stand-Off Weapon. Colonel Masiello assumed command of the 40th Flight Test Squadron (FTS) in July 1999 and the 39th FTS in August 1999. Then in September 1999, the 39th FTS and 40th FTS merged to become the 40th FTS.



Hanson

AFB, N.Y.

In 1973 he received his Master of Science degree in electrical engineering from Syracuse University and became

Hanson became involved in the Air Force science and technology field upon his graduation from Rochester Institute of Technology with a Bachelor of science degree in electrical engineering in 1968. He began as part of the technical staff in the Electronic Counter Countermeasures and Navigation Branch of the Rome Air Development Cent (RADC) at Griffiss

a technical staff member of the Electro-Optical Surveillance Division of RADC.

During his time with RADC, Hanson also: became the principal investigator and program manager for the Compensated Imaging Program; received his Doctor of philosophy in electrical engineering from Syracuse; became the chief scientist and program manager for the Advanced Optics Development and Evaluation Program; became the technical adviser of the Electro-Optical Surveillance Division; and served as the associate director and director of the Photonics Laboratory.

In 1990, Hanson was appointed to the Senior Executive Service as the director of the Surveillance Directorate at the Rome Laboratory. In 1997, Hanson was appointed a member of the scientific and professional cadre of senior executives as the senior scientist for photonics. Hanson's principal technical fields of interest are photonics, radar and adaptive optics and he has authored or co-authored more than 10 publications in these areas. He also holds two patents with co-inventors. @